

III. AMENDMENTS TO THE SPECIFICATION:

On page 1, par. 0005, starting at line 27, please amend as follows:

To use such a circuit in automotive applications to produce a dc voltage different [[to]] from the input voltage requires that the circuit be rugged and in particular independent of supply voltage, process variation and temperature.

On page ³~~4~~, par. 0012, starting at line 8, please amend as follows:

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The current source of the reference ramp circuit is preferably a fixed current constant current source and the current source of the modulation ramp circuit is preferably a modulated current source having a control input for controlling the output current and hence for controlling the percentage of time the output is on.

On page 4, par. 0019, starting at line 21, please amend as follows:

Preferably, the signal generator and at least one power transistor [[is]] are included in the same device package.

On page 6, par. 0031, starting at line 20, please amend as follows:

The charge rate of the capacitor 10 in the modulation ramp circuit 6 is controlled by current source 32. As the circuits are matched if the current output by current source 32 in the modulation ramp circuit is greater than the current output by current source 8 in the reference ramp circuit then the modulation detector 18 in the modulation ramp circuit will trigger to produce an output before the voltage detector 18 in the reference ramp circuit. When the reference voltage detector triggers it discharges the capacitor 10 in the modulation ramp circuit